

Attorney Docket No. 1794-0179PUS1

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING BIRCH, STEWART, KOLASCH & BIRCH, LLP
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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

	As a below named invento	r, I hereby decla	re that: my residen	ce, post office address and	l citizenship a	re as stated		
	next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is							
	claimed and for which a patent is sought on the invention entitled:							
					O TUNNEL -	IIINCTION		
Insert Title:	METHOD OF MANUFACTURING MICRO TUNNEL-JUNCTION CIRCUIT AND MICRO TUNNEL-JUNCTION CIRCUIT							
	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:							
Fill in Appropriate	The specification was filed	on 02/06/20	006 as United S	States Application Number	r	;		
Information –	and amended on (if applicable) and/or							
For Use Without	the specification was filed or				r PCT/JP2004	4/011071 ;		
Specification Attached:	and was amended on		(if applicable)					
. Macket	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the							
	claims, as amended by any amendment referred to above.							
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.							
	I do not know and do not believe the same was ever known or used in the United States of America before my or							
	our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States							
	of America more than one year prior to this application, that the invention has not been patented or made the subject of							
	an inventor's certificate issued before the date of this application in any country foreign to the United States of America							
	on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any							
	prior to this application, and the application of patent of investigation of the distribution of the United States of America prior to this application by me or my legal representatives or assigns,							
	except as follows.							
	I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or							
	inventor's certificate having a filing date before that of the application on which priority is claimed:							
	Prior Foreign Application	n(s)			Priority	Claimed		
nsert Priority	2003-206546	Ja	apan	August 7, 2003				
nformation if appropriate)	(Number)	(Country)		(Month/Day/Year File	ed) Yes	No		
a appropriate,								
	(Number)	(Country)		(Month/Day/Year File	ed) Yes	No		
					[_]			
	(Number)	(Country)		(Month/Day/Year File	ed) Yes	No		
	(Number)	(Country)		(Month/Day/Year File		No		
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s)							
	listed below.							
nsert Provisional application(s): f any)				a Data)				
	(Application Number) (Filing Date)							
•								
	(Application Number)		•	ng Date)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for							
	Designs) Prior to the Filing Date of This Application:							
nsert Requested oformation	Country		Application Num	iber Date of Fili	ng (Month/Da	ay/Year)		
f appropriate)								
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s),							
	including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of							
	this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first							
	paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the							
	patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.							
	of the prior application and the	e national of PC1	international filling o	late of this application.				
sert Prior U.S. pplication(s):	(Application North and		iling Data	(Status - patented	l pending ab	andoned)		
any)	(Application Number)	(F	iling Date)	(Status - patentet	i, pending, abi	andoned		
	(Application Number)		iling Date)	(Status - patented	l. pending, abi	andoned)		
	(Application (Valider)	(1)	5 0410)	(Julius paremet	., perming not			

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I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

CUSTOMER NO. 02292; (BIRCH, STEWART, KOLASCH & BIRCH, LLP)

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*							
Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This	GIVEN NAME/FAMILY NAME Michio WATANABE	INVENTOR'S SIGNATURE	DATE* MARCH 9, 2006				
Document is Signed	Residence (City, State & Country)	CITIZENSHIP					
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Insert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o RIKEN, 2-1, Hirosawa, Wako-shi Saitama, 351-0198, JAPAN						
Full Name of Second	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
Inventor, if any: see above	Yasunobu NAKAMURA	中村春信	March 9, 2006				
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	Tokyo Japan		Japan				
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 108-8001, JAPAN						
Full Name of Third Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
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	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fourth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
	Residence (City, State & Country)	CITIZENSHIP					
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fifth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
	Residence (City, State & Country)		CITIZENSHIP				
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
Ì	Residence (City, State & Country)	CITIZENSHIP					
Ī	MAILING ADDRESS (Complete Street Address including City, State & Country)						

*DATE OF SIGNATURE